

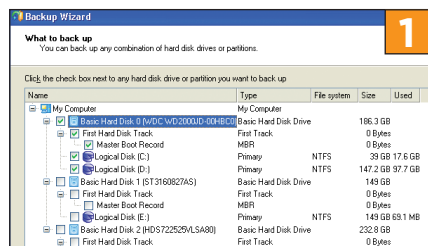
HOW TO... Back up your hard disk

Karl Wright shows you how to protect and restore your PC

PARAGON DRIVE BACKUP 8.5 PERSONAL EDITION

ON THE COVER DISC Readers of *Computer Shopper* will know just how important it is to back up your PC regularly. Free on this month's cover disc, Paragon Drive Backup 8.5 is a fully working disk-imaging program. With it you can take an exact image of your PC's hard disk, copying not only all your data, but Windows and all your programs as well. If your PC crashes, simply use the Drive Backup recovery CD to copy your backup image to your hard disk and you'll be up and running again in no time.

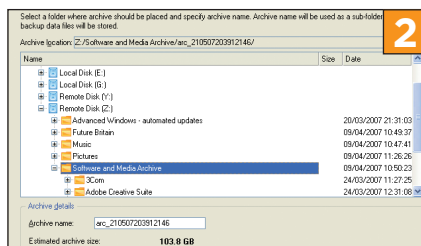
During the installation of Drive Backup you will be prompted to register with Paragon. Once you've done this, you will be emailed a serial number. Enter this serial number to complete the installation.



1 Open Paragon Drive Backup and click on Backup hard disks or selected partitions. The program allows you to choose exactly which partitions on a disk to back up and whether to back up the Master Boot Record (MBR). If you are backing up Windows, you must back up the MBR, otherwise your PC won't boot after being restored from your backup image.

2 Click Next to choose where to save your backup image. If possible, save to an external hard disk, such as a USB drive.

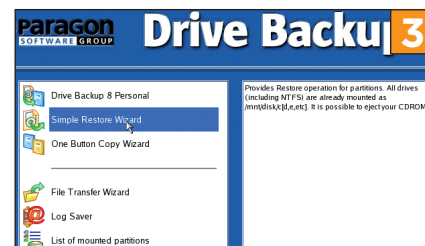
Once your backup image has been created you'll need to create a recovery CD. To do this, double-click the file paragon_db8_esd_en.exe on the cover disc. This will create an ISO CD image.



Use your PC's disc-burning software to burn this image to a CD.

3 You can restore your PC from the backup image in two ways. If you're restoring your system partition – the one with Windows on it – put your recovery CD in your disc drive and restart your PC, booting from the recovery disc. Choose the Simple Restore Wizard and tell the program where to find your image and where to write it to. Set it running and it will copy the image to your hard disk.

If you just want to restore a data partition, there's no need to boot from the recovery CD. Simply open the program as normal and choose the option Restore hard disks or partitions.



HOW TO... Protect your PC against hackers

Online, an unprotected PC is a sitting duck. Karl Wright shows you how to play it safe

McAfee PERSONAL FIREWALL PLUS 2006

ON THE COVER DVD If your PC is connected to the internet, you need a firewall. Without one, your PC is wide open to attack by hackers. On this month's cover DVD, you'll find a free copy of McAfee Personal Firewall Plus. To install it just put the cover DVD into your PC's optical drive and run the application from the disc's browser. Before you do this, make sure that you uninstall any other firewall software currently running on your PC. There's no need to disable the Windows XP firewall, though, as this will be done for you during installation.

1 Once you've installed McAfee Firewall, you need to configure it. Double-click on the McAfee Personal Firewall icon on your

desktop. When the program opens, click Options and then Run Setup Assistant. This allows you to specify how you connect to the internet, whether or not your home network is completely trusted (if it's wireless you may want to set this to 'no') and what types of alerts you want to be notified of. If you have anti-virus software, you can skip the virus scan option.

2 Next, you need to make sure that all your programs will work properly with the firewall. Still in Options, click on Trusted & Banned IPs. Make sure that your local area network is trusted (if that's what you want). Then add the IP address of any PC that regularly connects to yours; for instance, if you are using

file sharing built into Windows XP. Next, in the left-hand task bar, click on Internet Applications. Look at the list, and if an application you use often isn't on the list, add it now. Click on New Allowed Application, browse to the relevant folder in Program Files and select the .exe file of the program in question.

3 You can check to see what's been going on by opening McAfee Personal Firewall and clicking on Inbound events. As long as the firewall has been told to log blocked intrusion attempts it shows you a list of the IP addresses that have tried to hack you. By right-clicking on an entry and choosing Trace Selected Event, you can view a hacker's IP address.

